AMENDMENTS TO CLAIMS: Please amend the claims according to the status designations in the following list, which contains all claims that were ever in the application, with the text of all active claims.

1. (CURRENTLY AMENDED) ~~A cleaning and impregnation process for tissue implants which comprises subjecting the entire tissue implant to high intensity audible sound in the range of 20 to 20,000 cycles per second in a treatment chamber filled with liquids, wherein said tissue implant is selected from a group consisting of autograft tissue, allograft tissue, xenograft tissue, tissue from a compound fracture or any combination thereof.~~ A process for treating tissue implants wherein: the entire tissue implant is subjected to acoustic sound energy in the range of 20 cycles per second to 9,000 cycles per second in a treatment chamber which is substantially sealed and which is filled with fluid and tissue implants, and wherein said tissue implant is selected from a group consisting of autograft tissue, allograft tissue, xenograft tissue, tissue from a compound fracture or any combination thereof, and whereby said tissue implant, including its interior, can be rapidly impregnated and cleaned, and whereby treatment with said acoustic sound energy can result in a sterile tissue implant.

2. (CANCELED)

3. (CURRENTLY AMENDED) ~~The process of claim 1, where said treatment chamber has attached to it two higher frequency sound producing devices which, between them,~~

~~produce an audible tartini tone sound, said audible tartini tone sound being the frequency obtained by subtracting one device's higher frequency from the other device's higher frequency.~~ The process for treating tissue implants of claim 1, wherein: two acoustic sound energy producing devices of different frequencies are utilized and the acoustic sound energy utilized is the difference Tartini Tone acoustic sound energy resulting from subtracting one acoustic sound energy producing device's frequency from the second acoustic sound energy producing device's frequency.

4. (CANCELED)

5. (CANCELED)

6. (CURRENTLY AMENDED) ~~A cleaning and impregnation process for tissue implants which comprises subjecting the entire tissue implant to harmonically intensified audible sound in the range of 20 to 20,000 cycles per second in a treatment chamber filled with liquids, wherein said tissue implant is selected from a group consisting of autograft tissue, allograft tissue, xenograft tissue, tissue from a compound fracture or any combination thereof, and where the walls of said treatment chamber are vibrated at a frequency such as to induce resonant harmonic oscillations in a liquid column in the treatment chamber at the first harmonic of the liquid column.~~ The process for treating tissue implants of claim 1 wherein: the walls of said treatment chamber are vibrated at

a specific frequency selected to induce resonant harmonic sound oscillations in a liquid column in the treatment chamber at the first harmonic of the liquid column.

7. (CURRENTLY AMENDED) ~~The process of claim 6, where the audible sound is between 600 and 6,000 cycles per second.~~ The process for treating tissue implants of claim 6, wherein: the sound frequency is between 600 cycles per second and 6,000 cycles per second.

8. (CURRENTLY AMENDED) ~~The process of claim 6, where said treatment chamber has attached to it two higher frequency sound producing devices which, between them, produce an audible tartini tone sound, said audible tartini tone sound being the frequency obtained by subtracting one device's higher frequency from the other device's higher frequency and said tartini tone being the first harmonic of the column of liquid in said treatment chamber.~~ The process for treating tissue implants of claim 6, wherein: two acoustic sound energy producing devices of different frequencies are utilized and the acoustic sound energy utilized is the difference Tartini Tone acoustic sound energy resulting from subtracting one acoustic sound energy producing device's frequency from the second acoustic sound energy producing device's frequency.

9. (CANCELED)

10. (CANCELED)

11. (CANCELED)